

**Description**

Interstar Concrete Colors are pure iron oxide pigments designed to be used specifically in integral coloring of cementitious materials. Interstar Colors are certified ASTM C979 for integral coloring.

**Color Range**

Interstar Concrete Colors are available in several standard colors. In addition, the color development and matching services of the Interstar Color Laboratory offer controlled, custom blended pigments to meet your own special color requirements.

**Primary Application**

- Decorative concrete
- Sidewalks
- Patios
- Driveways
- Precast
- Poured in place concrete construction

**Benefits**

- Easy Dispersing
- Pre-weighted dissolving multi-wall paper bags
- 1 bag = 1 cubic yard
- Reduces human error
- Maximum coloring power
- Dust-free
- Wide variety of colors
- Sunfast
- Free of delirious fillers and extenders
- Custom bagging available

**Technical Data**

**Packaging:** Standard packaging consists of pre-weighed dissolving multi-wall paper bags. Custom bagging is also available. Each bag is clearly marked with the color name and number. One bag corresponds to one pre-measured unit of colorant for one cubic yard (US) or per cubic meter of concrete. It can be added directly to the ready-mix truck for a clean and easy job.

**Storage:** Store in a dry area between 50 ° F and 90 ° F (10 ° C and 30 ° C). Protect from moisture.

**Properties:**

- Water dispersible: Yes
- Lime proof: Yes
- Light fast: Yes
- Non-bleeding: Yes
- Synthetic iron oxides: Yes
- Fineness: 95%-99% minus 325 mesh (Color Dependent)
- Particle Shape: Cubical, Acicular, Spherical (Color Dependent)
- Particle Size: Generally less than 1 micron

## Usage

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### **Directions:**

1-The truck mixer drum must be completely clean with no leftover water or aggregate before mixing a new batch of colored concrete. 2-The slump must range from 3 ½" to 4". If air is entrained, it should range from 5% to 7%. 3-Before adding the bags of pigment, reverse the truck mixer to bring the concrete to the back of the mixer. 4-Place half the bags of color on top of the concrete. Please Note: Steps 5 & 6 are critical for proper dispersion. 5-Slowly move the concrete back to the front of the mixer, and start mixing at a slow speed until the bags are drawn into the concrete mix. Mix slowly for 2-3 minutes. 6-Increase the speed of the mixer to a medium-high rotation for 2-3 minutes. 7-Reverse the mixer to bring the concrete to the back of the mixer and add the remainder of the color bags. 8-Repeat steps 5 & 6 with the other half of the bags. 9-Move the concrete mix from the front to the back of the mixer 3 or 4 times to pick up any pigment and concrete that may not have been incorporated into the mix. 10-Mix for a total of 10 to 15 minutes at regular mixing speed. 11-Always place the first concrete down the chute of each load on the bottom of the slab.

### **Note:**

For complete details, please refer to our Instruction Sheet on Ready-Mix Colors.

### **Limitations:**

The optimal dosage of pigment suggested varies between 2% and 7%, based on the total weight of cementitious materials. A dosage of 10% of pigment based on the total weight of cementitious materials is the saturation point for pigment coloration. If the percentage of pigment is over 10% of the total weight of cementitious materials, there will be no benefits and it can affect the results considerably. In addition, if the percentage is lower than 1% of the total weight of cementitious materials, the coloration will be uneven and will affect the results.

## Safety

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Refer to material safety data sheet of the color desired.

## Availability

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Interstar products are readily available throughout Canada, United States and Mexico. Contact us to place an order or to find a distributor in your area.

## Technical Services

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The Interstar Color Laboratory is available to match existing colored concrete, develop special color tones or to provide expert color assistance to solve your individual color needs. Please contact Interstar Color Laboratory for assistance. Since the color shades of cement and aggregates (coarse and fine) are different in each locality, it is recommended to send 10 lbs of the local cement and 25 lbs of the coarse and fine aggregate that will be used in the concrete mix design, along with a sample of the desired color that is to be produced.

### **Samples:**

Samples of Interstar standard Concentrated Concrete Colors and specially blended colors are available in convenient cement color briquette form or mini-pavers. The color block samples are mixed in the Interstar Laboratory with locally supplied cement and aggregates, or with cement and aggregates available to Interstar at the time of production.

## Warranty

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The limit of liability of this company shall be the purchase price paid by the user or buyer for the quantity of the Interstar product involved. See Interstar's Warranty for complete details.

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